

**Notice of Allowability**

Application No.

10/811,371

Examiner

William H. Mayo III

Applicant(s)

AISENBREY, THOMAS

Art Unit

2831

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to February 21, 2007.
2. ☒ The allowed claim(s) is/are 1,4-7,9-11,13-22,24-26,29-35,37,41,44 and 45.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

William H. Mayo III  
Primary Examiner  
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### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. The application has been amended as follows:

3. Rewrite claim 5 as follows:

5). (Currently Amended) The device according to Claim [3] 1 wherein said metal powder comprises a diameter of between about 3 $\mu$ m and about 12 $\mu$ m.

### ***Allowable Subject Matter***

4. Claims 1, 4-7, 9-11, 13-22, 24-26, 29-35, 37, 41, and 44-45 are allowed.

5. The following is an examiner's statement of reasons for allowance: This invention deals with a shielded cable device comprising a conductive shield comprising a conductive loaded resin based material comprising micron conductive metal powder in a base resin host, wherein the ratio by weight of the micro conductive metal powder to said resin host is between 0.20-0.40 (claim 1). This invention also deals with a shielded cable device comprising a conductive shield comprising a conductive loaded resin based material comprising micron conductive non-plated metal fiber in a base resin host, wherein the ratio by weight of the micro conductive non-plated metal fiber to said resin host is between 0.20-0.40 (claim 22). This invention also deals with a method of forming a shielded cable device comprising extruding a conductive loaded resin based

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material onto a conductor to thereby form a conductive shield on the conductor wherein the conductive loaded resin-based material comprises micron conductive non-plated metal fiber in a base resin host, wherein the ratio by weight of the micro conductive non-plated metal fiber to said resin host is between 0.20-0.40 (claim 35). The above stated claim limitations, is not taught or suggested by the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Response to Arguments***

6. Applicant's arguments filed February 21, 2007 have been fully considered and they are persuasive. Specifically, the applicant's argument that "none of the references cited teach or suggest a shielded cable device comprising a conductive shield comprising a conductive loaded resin based material comprising micron conductive metal powder (micro conductive non-plated metal fiber) in a base resin host, wherein the ratio by weight of the micro conductive metal powder (micro conductive non-plated metal fiber) to said resin host is between 0.20-0.40" is persuasive and therefore the claims have been allowed.

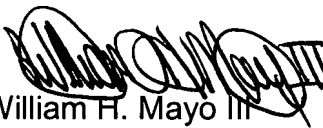
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**Communication**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to William H. Mayo III whose telephone number is (571)-272-1978. The examiner can normally be reached on M-F 8:30am-6:00 pm (alternate Fridays off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on (571) 272-2800 ext 31. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
William H. Mayo III  
Primary Examiner  
Art Unit 2831

WHM III  
April 11, 2007